Name _____ Period _____

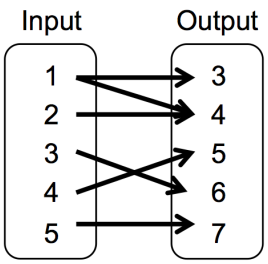
Math – Unit 2B Extra Practice

Original Score

I can identify whether a table, graph, or mapping represents a function.

Decide whether each mapping, table, and graph represents a function. Explain your reasoning.

1.



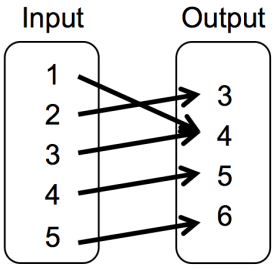
Function Not a Function

Explain: _____

_____

_____

2.



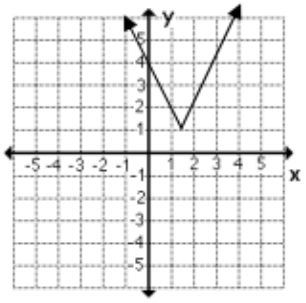
Function Not a Function

Explain: _____

_____

_____

3.



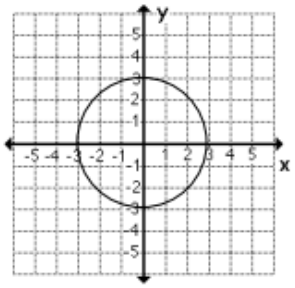
Function Not a Function

Explain: _____

_____

_____

4.



Function Not a Function

Explain: _____

_____

_____

4.

x	*y*
1	3
0	4
1	5
2	6

Function Not a Function

Explain: _____

_____

_____

5.

x	*y*
-3	4
-2	12
-1	4
0	-4

Function Not a Function

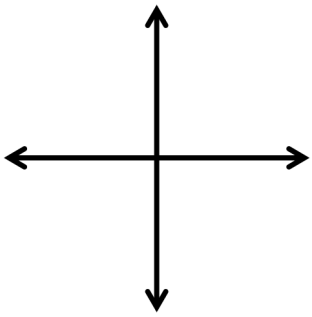
Explain: _____

_____

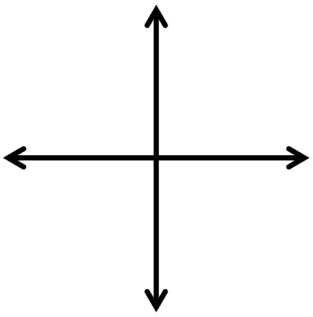
_____

Name _____ Period _____

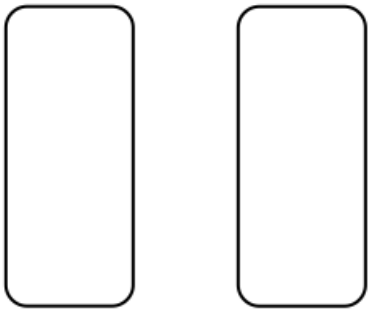
6. Draw a graph that represents a function.



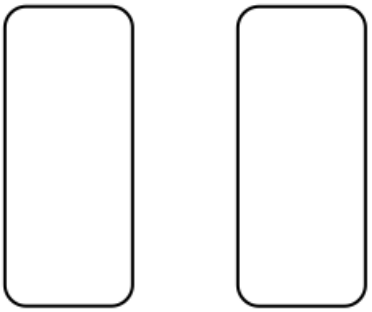
7. Draw a graph that does NOT represent a function.



8. Draw a mapping that represents a function.



9. Draw a mapping that does NOT represent a function.



10. Create a table that represents a function.

x	*y*

11. Create a table that does NOT represent a function.

x	*y*

Name _____ Period _____

Math 8 – Unit 2B Extra Practice

Original Score

I can create and identify tables and graphs that represent linear and nonlinear relationships.

Decide whether each table represents a linear function and explain how you know. If linear, find the rate of change.

1.

x	*y*
0	-7
1	-5
2	-3
3	-1

Linear Not Linear

Explain: _____

_____

_____

2.

x	*y*
0	22
1	10
2	0
3	-8

Linear Not Linear

Explain: _____

_____

_____

3.

x	*y*
0	-2.5
1	-1
2	0.5
3	3

Linear Not Linear

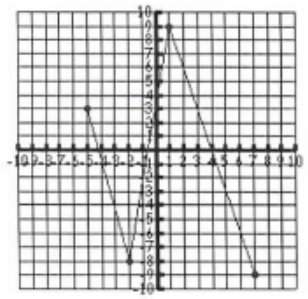
Explain: _____

_____

_____

Decide whether each graph represents a linear function.

4.



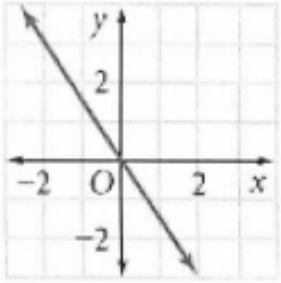
Linear Not Linear

Explain: _____

_____

_____

5.



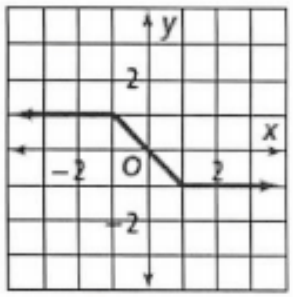
Linear Not Linear

Explain: _____

_____

_____

6.



Linear Not Linear

Explain: _____

_____

_____

Name _____ Period _____

Create a table that matches each of the following descriptions.

7. A linear table with a starting value of 3 and a ROC of -2.

x	y

8. A linear table with a starting value of -4 and a ROC of 3.

x	y

9. A table with a starting value of 7 that is nonlinear.

x	y